

| Ref # | Hits   | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|--------------------|------------------|---------|------------------|
| L1    | 3      | ((("6594598") or ("5608816") or ("5459794")).PN.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/24 15:58 |
| L2    | 2      | L1 and (pattern with layer)   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/24 15:58 |
| S1    | 531856 | (semiconductor or wafer)  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 12:28 |
| S2    | 38296  | S1 and grid   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 12:28 |
| S3    | 1277   | S2 and (((dimension or size or profile or shape) near grid)                                       | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/23 09:11 |
| S4    | 533    | S3 and ((light adj source) or laser)  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 12:32 |
| S5    | 71     | S4 and (grid near2 (hole or opening or via))  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 12:32 |
| S6    | 1702   | S1 and (grid near2 (hole or opening or via))  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 12:32 |
| S7    | 174    | S6 and (((dimension or size or profile or shape) near grid)                                       | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 12:32 |
| S8    | 71     | S7 and ((light adj source) or laser)  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 12:40 |
| S9    | 1410   | S1 and (((shape or dimension or size) with (wir\$3 adj pattern))                                  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 12:52 |
| S10   | 254    | S1 and (((shape or dimension or size) near (wir\$3 adj pattern))                                  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 13:36 |
| S11   | 531856 | (semiconductor or wafer)  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 13:37 |
| S12   | 34     | S11 and (((shape or dimension or size) near (wir\$3 adj pattern)) with (measur\$4 or determin\$)) | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 14:38 |
| S13   | 531856 | (semiconductor or wafer)  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 14:38 |
| S15   | 531856 | (semiconductor or wafer)  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 14:38 |
| S16   | 103    | S15 and (((shape or dimension or size) near (grid)) with (measur\$4 or determin\$))               | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 14:39 |
| S17   | 34     | S16 and (laser or (light adj source))   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/06/22 14:39 |
| S18   | 6      | ((("20030026386") or ("5949850") or ("6594598") or ("6285783") or ("6790340") or ("5985739")).PN. | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/06/23 08:38 |

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| S19 | 8      | ((("20030026386") or ("5949850") or ("6594598") or ("6285783") or ("6790340") or ("5985739") or ("6507595") or ("5949850") or ("6440821"))).PN. | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/23 09:09 |
| S20 | 532984 | (semiconductor or wafer)  | US-PGPUB;<br>USPAT | OR | ON  | 2005/06/23 09:09 |
| S21 | 12170  | S20 with (grid or (wiring adj pattern))   | US-PGPUB;<br>USPAT | OR | ON  | 2005/06/23 09:09 |
| S22 | 542    | S21 and ((dimension or size or profile or shape) near (grid or (wiring adj pattern)))   | US-PGPUB;<br>USPAT | OR | ON  | 2005/06/23 09:17 |
| S23 | 8      | ((("20030026386") or ("5949850") or ("6594598") or ("6285783") or ("6790340") or ("5985739") or ("6507595") or ("5949850") or ("6440821"))).PN. | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/23 09:14 |
| S24 | 5      | S22 and S23   | US-PGPUB;<br>USPAT | OR | ON  | 2005/06/23 09:14 |
| S25 | 8      | S23 and ((dimension or size or profile or shape) near (grid or (wiring adj pattern)))   | US-PGPUB;<br>USPAT | OR | ON  | 2005/06/23 09:33 |
| S26 | 532984 | (semiconductor or wafer)  | US-PGPUB;<br>USPAT | OR | ON  | 2005/06/23 09:33 |
| S27 | 34980  | S26 with opening  | US-PGPUB;<br>USPAT | OR | ON  | 2005/06/23 09:37 |
| S28 | 969    | (electrical adj resistivity) with (ohm-cm)  | US-PGPUB;<br>USPAT | OR | ON  | 2005/06/23 09:46 |
| S29 | 968    | S27 with ((shape or dimension or size) near opening)  | US-PGPUB;<br>USPAT | OR | ON  | 2005/06/23 09:48 |
| S30 | 261    | S29 and ((light adj source) or laser)   | US-PGPUB;<br>USPAT | OR | ON  | 2005/06/23 09:52 |
| S31 | 15     | S27 with ((determin\$5 or measur\$3) near ((shape or dimension or size) near opening))  | US-PGPUB;<br>USPAT | OR | ON  | 2005/06/23 09:52 |
| S32 | 971    | ((determin\$5 or measur\$3) near ((shape or dimension or size) near opening))   | US-PGPUB;<br>USPAT | OR | ON  | 2005/06/23 10:04 |
| S33 | 197    | S32 and ((light adj source) or laser)   | US-PGPUB;<br>USPAT | OR | ON  | 2005/06/23 11:03 |
| S34 | 5      | ("3645734").URPN.   | USPAT              | OR | ON  | 2005/06/23 10:04 |
| S35 | 703    | ((determin\$5 or measur\$3) near ((shape or dimension or size) near (hole or via)))   | US-PGPUB;<br>USPAT | OR | ON  | 2005/06/23 10:05 |
| S36 | 15     | S35 with S26  | US-PGPUB;<br>USPAT | OR | ON  | 2005/06/23 10:05 |

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| S37 | 3      | ("5907650"   "6174751"   "6470123").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/06/23 10:11 |
| S38 | 39     | S35 with (mask or resist or photoresist)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/06/23 10:11 |
| S39 | 33     | S38 not S36   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/06/23 10:12 |
| S40 | 1      | ("3645734").PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2005/06/23 11:03 |
| S41 | 532984 | (semiconductor or wafer)  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/23 11:03 |
| S42 | 0      | S40 and S41   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/23 11:05 |
| S43 | 1      | ("3746455").PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2005/06/23 11:05 |
| S44 | 0      | S43 and S41   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/23 11:06 |
| S45 | 7      | ((("20020135781") or ("6433878") or ("5880838") or ("5867276") or ("5393624") or ("6051348") or ("6245584")).PN.                | US-PGPUB;<br>USPAT           | OR | OFF | 2005/06/23 11:06 |
| S46 | 8      | ((("20020135781") or ("6433878") or ("5880838") or ("5867276") or ("5393624") or ("6051348") or ("6245584") or ("6440821")).PN. | US-PGPUB;<br>USPAT           | OR | OFF | 2005/06/23 11:12 |
| S47 | 322487 | integrated adj circuit  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/23 11:13 |
| S48 | 709240 | disk  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/23 11:13 |
| S49 | 703    | ((determin\$5 or measur\$3) near ((shape or dimension or size) near (hole or via)))   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/23 11:13 |
| S50 | 4      | (S47 or S48) with S49   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/23 11:17 |
| S51 | 13     | (S47 or S48) same S49   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/23 11:18 |
| S52 | 2563   | grid near2 hole   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/23 11:18 |
| S53 | 21054  | grid with (hole or opening or via)  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/23 11:18 |
| S54 | 16     | S53 and S49   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/23 11:18 |

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| S55 | 9   | ("2509071"   "3619698"   "3845241"   "3858083"   "3934172"   "3956667"   "4047077"   "4205255").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/06/23 11:23 |
| S56 | 17  | ("4352042").URPN.   | USPAT                        | OR | ON  | 2005/06/23 11:30 |
| S57 | 1   | ("5985739").PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2005/06/23 11:30 |
| S58 | 45  | (((shape or dimension or size) near (wir\$3 adj pattern)) with (measur\$4 or determin\$))           | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/24 12:04 |
| S59 | 3   | ((("6594598") or ("5608816") or ("5459794")).PN.  | US-PGPUB;<br>USPAT           | OR | OFF | 2005/06/24 11:45 |
| S60 | 1   | ("5680816").PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2005/06/24 11:52 |
| S61 | 0   | S60 and (wir\$3 adj pattern)  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/24 11:52 |
| S62 | 1   | ("5608816").PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2005/06/24 11:52 |
| S63 | 1   | S62 and (wir\$3 adj pattern)  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/24 11:56 |
| S64 | 1   | S63 and reflect\$3  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/24 11:57 |
| S65 | 167 | (wir\$3 adj pattern) with grid  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/24 12:10 |
| S66 | 0   | S58 and S65   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/24 12:05 |
| S67 | 109 | S65 and (semiconductor or wafer)  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/24 12:17 |
| S68 | 2   | ((("6523154") or ("5608816"))).PN.  | US-PGPUB;<br>USPAT           | OR | OFF | 2005/06/24 12:23 |
| S69 | 1   | S68 and (semiconductor or wafer)  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/24 12:17 |
| S70 | 3   | S59 and (reference or library)  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/24 12:28 |
| S71 | 0   | S59 and intensity and phase   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/24 12:26 |
| S72 | 2   | S59 and (fault\$ or defect\$3)  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/24 15:03 |
| S73 | 3   | ((("6594598") or ("5608816") or ("5459794")).PN.  | US-PGPUB;<br>USPAT           | OR | OFF | 2005/06/24 15:03 |
| S74 | 3   | S73 and (width or depth or sidewall or angle)   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/06/24 15:58 |